

Docket No.: 055190-0044



PATENT

1645/13/JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Josee HAMEL, et al.	:	Confirmation Number: 9640
Application No.: 09/884,465	:	Group Art Unit: 1645
Filed: June 20, 2001	:	Examiner: Ford, Vanessa
For: STREPTOCOCCUS ANTIGENS	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

In accordance with 37 CFR 1.17(p), please charge the fee of \$180.00 to Deposit Account No. 500417.

09/884,465

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,


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**Please recognize our Customer No. 20277
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 055190-0044		SERIAL NO. 09/884,465	
							
APPLICANT Josee HAMEL, et al.							
FILING DATE June 20, 2001						GROUP 1642	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US 2004/0081662	04/2004	Hermand et al.			
		US 6,582,706	06/2003	Johnson et al.			
		US 09/471,255	12/23/1999	Hamel et al.			
		US 2003/0232976	12/18/2003	Hamel et al.			
		US 6,800,744	10/5/2004	Doucette-Stamm et al.			
		US					
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number 4-Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No	
		WO00/39299	07/06/2000	Biochem Pharma Inc.			
		WO01/98334	12/27/2001	Shire Biochem Inc.			
		WO02/077021	10/03/2002	Chiron Spa et al.			
		WO04/09229	10/28/2004	Inter-Cell AG			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		Hernandez, et al., "Antigenicity of Chimeric Synthetic Peptides Based on HTLV-1 Antigens and the Impact of Epitope Orientation," Biochemical and Biophysical Research Communication. Vol 276. No. 3, pp. 1085-1088.					
		Partidos, et al., "The influence of orientation and number of copies of T and B cell epitopes on the specificity and affinity of antibodies induced by chimeric peptides," Eur. J. Immunol 1992, 22: pp. 2675-2680.					
		Oishi, et al., "The effect of amino acid spacers on the antigenicity of dimeric peptide-inducing cross-reacting antibodies to a cell surface protein antigen of Streptococcus mutans," Oral Microbiol Immunol 2001: 16: pp.40-44.					
		Kurstak, Edouard, "Editorial "Recent progress in vaccines development and new trends in immunisation." Vaccine 19 (2001) pp.2198-2200.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.